## INTERNATIONAL SEARCH REPORT

Int onal Application No PCT/GB2004/004840

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B21/10									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 E21B									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-In	ternal								
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
X	US 4 298 077 A (EMERY ET AL)	1,48,65							
A	3 November 1981 (1981-11-03) column 3, line 52 - line 66; figures		64						
A	US 6 349 763 B1 (ESTEP JAMES W ET AL)		1						
	26 February 2002 (2002–02–26) abstract; figures								
A	US 5 873 414 A (VON GYNZ-REKOWSKI 23 February 1999 (1999-02-23) abstract; figures	1							
A	US 4 889 199 A (LEE ET AL) 26 December 1989 (1989-12-26) abstract; figures	1 .							
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Further documents are listed in the continuation of box C.  Patent family members are listed in annex.									
° Special categories of cited documents :  "T" later document published after the international filing date									
"A" document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
*E* earlier document but published on or after the international filing date  *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to									
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the									
*O* document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the one or more other such document is combined by the other such as the other suc									
'P' document published prior to the international filing date but in the art. later than the priority date claimed '&' document member of the same patent family									
Date of the actual completion of the international search  Date of mailing of the international search report									
3	March 2005	14/03/2005							
Name and m	nailing address of the ISA European Patent Office, P.B. 5818 Palenthaan 2	Authorized officer							
NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016		Weiand, T							

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